

PTO/SB/17 (10-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 130

Complete if Known

| | |
|----------------------|----------------------|
| Application Number | 10/724,791 |
| Filing Date | December 1, 2003 |
| First Named Inventor | Michael B. Korzenski |
| Examiner Name | TBA |
| Art Unit | 1765 |
| Attorney Docket No. | ATMI-686 |

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 50-0860

Deposit Account Name Advanced Technology Mater

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 790 | 2001 | 395 | Utility filing fee | |
| 1002 | 350 | 2002 | 175 | Design filing fee | |
| 1003 | 550 | 2003 | 275 | Plant filing fee | |
| 1004 | 790 | 2004 | 395 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | | Fee from below | | Fee Paid | |
|--------------------|--|--------------|--|----------------|--|----------|--|
| Total Claims | | -20** = | | X | | = | |
| Independent Claims | | -3** = | | X | | = | |
| Multiple Dependent | | | | | | = | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 88 | 2201 | 44 | Independent claims in excess of 3 |
| 1203 | 300 | 2203 | 150 | Multiple dependent claim, if not paid |
| 1204 | 88 | 2204 | 44 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 430 | 2252 | 215 | Extension for reply within second month | |
| 1253 | 980 | 2253 | 490 | Extension for reply within third month | |
| 1254 | 1,530 | 2254 | 765 | Extension for reply within fourth month | |
| 1255 | 2,080 | 2255 | 1,040 | Extension for reply within fifth month | |
| 1401 | 340 | 2401 | 170 | Notice of Appeal | |
| 1402 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1403 | 300 | 2403 | 150 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,370 | 2453 | 685 | Petition to revive - unintentional | |
| 1501 | 1,370 | 2501 | 685 | Utility issue fee (or reissue) | |
| 1502 | 490 | 2502 | 245 | Design issue fee | |
| 1503 | 660 | 2503 | 330 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | 130 |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|-------------------|-----------------------------------|------------|-----------|--------------|
| Name (Print/Type) | Margaret Chappuis | Registration No. (Attorney/Agent) | 45,735 | Telephone | 203-794-1100 |
| Signature | | Date | 11/30/2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



ATMI-686

Customer No.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|--|------------------------------|------------------------|
| In re United States Patent Application of: | |) |
| | |) |
| Applicant: | Michael B. Korzenski, et al. |) |
| Serial No.: | 10/724,791 |) Examiner: TBA |
| Date Filed: | December 1, 2003 |) Group Art Unit: 1765 |
| Title: | Removal of MEMS |) |
| | Sacrificial Layers Using |) |
| | Supercritical |) |
| | Fluid/Chemical |) |
| | Formulations |) |

EXPRESS MAIL CERTIFICATE

It hereby is certified by the person identified below that the attached documents are being mailed by such person to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Mail Stop Petition, P.O. Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.


Lee Ann DiLello

November 30, 2004

Date of Mailing

FV087758595US

Express Mail Label Number

PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48
IN U.S. APPLICATION NO. 10/724,791

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Petition is submitted under the provisions of 37 C.F.R. §1.48 to provide a statement of facts by the original inventors and the erroneously omitted inventor in the above-referenced U.S. Patent Application, as evidence that the incorrect identification of inventorship in the Declaration and Power of Attorney for such application as originally

12/02/2004 MAHMED1 00000042 500860 10724791

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filed in the United States Patent and Trademark Office on April 26, 2004, was the result of an inadvertent error on the part of Applicants to correctly identify Michael B. Korzenski, Thomas H. Baum, Chongying Xu, Eliodor G. Ghenciu as inventors in the above-referenced application and that such incorrect identification arose without any deceptive intention.

By an Amendment under 37 C.F.R. §1.48 submitted concurrently herewith (the "Inventorship Amendment"), Chongying Xu is added as a named inventor in the above-referenced U.S. Patent Application.

The oath or declaration as required by 37 C.F.R. § 1.63 is concurrently submitted herewith ("Declaration and Power of Attorney for Patent Application").

The written consent of assignee as required by 37 C.F.R. § 1.48(a) is concurrently submitted herewith ("Consent of Assignee to Change of Inventorship").

Please charge Deposit Account No. 50-0860 in the amount of \$130 as specified in 37 C.F.R. § 1.17(h) for this Petition under 37 C.F.R. § 1.48(a). Please charge any deficiency, and credit any excess payment, to Deposit Account No. 50-0860.

STATEMENT AND PETITION OF ORIGINALLY NAMED INVENTORS

I, Michael B. Korzenski, Thomas H. Baum and Eliodor G. Ghenciu as originally named inventors in this United States Patent Application 10/724,791 (the "Application"), hereby:

1. petition under the provisions of 37 C.F.R. § 1.48 for correction of the inventorship in this Application, consistent with the Inventorship Amendment under 37 C.F.R. §1.48 filed concurrently herewith, on the basis that an incorrect identification of inventorship in the Declaration and Power of Attorney as originally filed in the United States Patent and Trademark Office on April 26, 2004, in this application under Response to Notice to File Missing Parts was made in error and without any deceptive intention;
2. affirmatively state that the invention described and claimed in the Application at the time of its filing was the joint invention of Michael B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu and Chongying Xu;

3. state that the omission of Chongying Xu, as a named co-inventor in the above-referenced U.S. Patent Application at the time of its filing, was an error which occurred without any deceptive intention by us when the application was filed, including the Declaration and Power of Attorney for such application, executed by us on the following dates: Michael B. Korzenski, December 18, 2003; Thomas H. Baum, December 17, 2003 and Eliodor G. Ghenciu, April 16, 2004;
4. state that an Inventorship Amendment under 37 C.F.R. § 1.48 is concurrently submitted herewith, in which the inventorship stated and of record for the Application has been amended to add Chongying Xu as a co-inventor of the subject matter described and claimed in such application;
5. state that the inventorship as set forth in the originally filed Declaration and Power of Attorney for the Application, erroneously excluded Chongying Xu;
6. state that the error in the inventorship occurred as a result of the preparation of the Declaration and Power of Attorney for the Application in the name of Michael B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu and that upon review of the Applicant's file, it was determined that Chongying Xu should be added as a co-inventor, and in consequence of such determination, the Application has been amended to reflect Michael B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu and Chongying Xu as inventors in all instances;
7. state that such inadvertent error was discovered by ATMI's Legal Department and this Petition was thereupon prepared;
8. state that we have executed a declaration in satisfaction of the requirements of 37 C.F.R. § 1.63 as concurrently submitted herewith ("Declaration and Power of Attorney for Patent Application"); and
9. state that we have duly executed this Petition as an undersigned co-inventor for the above referenced U.S. Patent Application.

**STATEMENT AND PETITION OF ERRONEOUSLY NAMED
INVENTOR**

I, the undersigned individual, Chongying Xu, as the newly named and joined inventor for this United States Patent Application No.10/724,791 (the "Application") hereby:

1. affirm, adopt and corroborate the foregoing statement of facts by the originally named inventors of the above-referenced U.S. Patent Application;
2. join in this petition under the provisions of 37 C.F.R. § 1.48 for correction of the inventorship for the Application, consistent with the Amendment under 37 C.F.R. §1.48 filed concurrently herewith (the "Inventorship Amendment"), on the basis that the incorrect identification of inventorship in the Application Declaration and Power of Attorney for such application as originally filed in the United States Patent and Trademark Office on April 26, 2004, was made in error and without deceptive intention.
3. state that I have duly executed this Petition as an inventor of the invention described and claimed in the Application.

STATEMENT OF ALL INVENTORS

As a below-named inventor, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

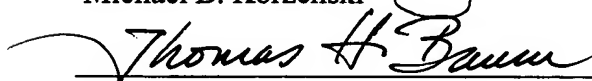
Respectfully submitted,



Michael B. Korzenski

11/25/04

Date



Thomas H. Baum

11-29-04

Date

Eliodor G. Ghenciu

Date



Chongying Xu

11/29/04

Date

ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
Telephone: (203) 739-1435
Facsimile: (203) 797-2544
Attorney File: ATMI-686

STATEMENT OF ALL INVENTORS

As a below-named inventor, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

Respectfully submitted,

Michael B. Korzenski

Date

Thomas H. Baum

Date



Eliodor G. Ghenciu

11/26/2004
Date

Chongying Xu

Date

ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
Telephone: (203) 739-1435
Facsimile: (203) 797-2544
Attorney File: ATMI-686



ATMI-686
CUSTOMER NO.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|--|---|-----------------------------|
| In re United States Patent Application of: |) | |
| Applicant: Michael B. Korzenski, et al. |) | |
| Serial No.: 10/724,791 |) | Examiner: TBA |
| Date Filed: December 1, 2003 |) | Group Art Unit: 1765 |
| Title: Removal of MEMS Sacrificial Layers Using Supercritical Fluid/Chemical Formulations |) | |

EXPRESS MAIL CERTIFICATE

It hereby is certified by the person identified below that the attached documents are being mailed by such person to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Mail Stop Petition, P.O. Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.


Lee Ann DiLello

November 30, 2004

Date of Mailing

EV087758595IIS

Express Mail Label Number

AMENDMENT SUBMITTED UNDER THE PROVISIONS OF 37 C.F.R. § 1.48(a)
and 37 C.F.R. § 1.312(a)
CORRECTING THE INVENTORSHIP IN U.S. APPLICATION NO. 10/724,791

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A review of the inventorship in the above-referenced U.S. Patent Application has revealed that the inventorship stated and of record in the present application, of Michael

B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu, should be corrected to add Chongying Xu as co-inventor for the subject matter of the claims filed in the application.

Accordingly, please amend the inventorship in this application, by replacing the inventorship of

“Michael B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu”

with

-- Michael B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu and
Chongying Xu ---

in all instances.

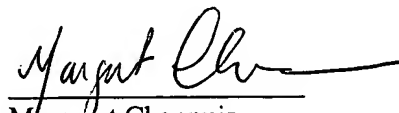
Appended hereto is a copy of the first page of the specification as amended herein.

The following documents are submitted herewith:

- Copy of the Petition to Correct Inventorship Under 37 CFR 1.48
- Declaration and Power of Attorney

In the event any further questions should arise in connection with the foregoing, the Examiner is invited to contact the undersigned at the telephone number given below.

Respectfully submitted,



Margaret Chappuis
Agent for Applicant
Registration No. 45,735

ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
Telephone: (203) 739-1435
Facsimile: (203) 797-2544
Attorney File: ATMI-686

EXHIBIT 1

UNITED STATES PATENT APPLICATION

OF

**MICHAEL B. KORZENSKI
THOMAS H. BAUM
ELIODOR G. GHENCIU
CHONGYING XU**

FOR

**REMOVAL OF MEMS SACRIFICIAL LAYERS USING SUPERCRITICAL
FLUID/CHEMICAL FORMULATIONS**



ATMI-686
Customer No.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicant: Michael B. Korzenski, et al.

Serial No.: 10/724,791

Date Filed: December 1, 2003

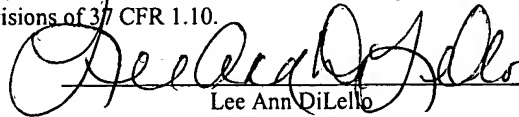
Title: Removal of MEMS
Sacrificial Layers Using
Supercritical
Fluid/Chemical
Formulations

Examiner: TBA

Group Art Unit: 1765

EXPRESS MAIL CERTIFICATE

It hereby is certified by the person identified below that the attached documents are being mailed by such person to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, Mail Stop Petition, P.O. Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.


Lee Ann DiLello

November 30, 2004

Date of Mailing

EV087758595US

Express Mail Label Number

CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP IN
U.S. PATENT APPLICATION NO. 10/724,791

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

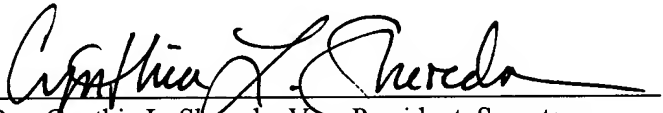
Advanced Technology Materials, Inc., a Delaware Corporation having offices at 7 Commerce Drive, Danbury, Connecticut 06810, as an assignee of the entire interest of the above-captioned U.S. Patent

Application No. 10/724,791 filed December 1, 2003, by an Assignment executed on November 25, 2003 by Michael B. Korzenski; on November 25, 2003 by Thomas H. Baum, on November 25, 2003 by Chongying Xu and on December 22, 2003 by Eliodor G. Ghenciu, (a true and exact copy of which Assignment is enclosed in Exhibit 1 hereof), hereby consents to the correction of inventorship from the naming of Michael B. Korzenski, Thomas H. Baum, Eliodor G. Ghenciu , to the naming of Michael B. Korzenski, Thomas H. Baum, Chongying Xu, and Eliodor G. Ghenciu.

A true and exact copy of the Assignment document attached in Exhibit 1 has been reviewed by assignee in compliance with the requirements of 37 CFR §3.73. Based on this review, such assignee hereby certifies that to the best of assignee's knowledge and belief, title to United States Patent Application 10/724,791 is in the assignee seeking to take this action.

Respectfully submitted,

ADVANCED TECHNOLOGY MATERIALS, INC.

A handwritten signature in black ink, appearing to read "Cynthia L. Shereda", written over a horizontal line.

By: Cynthia L. Shereda, Vice President, Secretary

ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
Phone: (203) 739-1435
Facsimile: (203) 797-2544
ATMI File: ATMI-686

EXHIBIT 1

ASSIGNMENT

We, **MICHAEL B. KORZENSKI, THOMAS H. BAUM, CHONGYING XU and ELIODOR G. GHENCIU**, have made an invention the specification of which is described in U.S. Patent Application filed herewith in the U.S. Patent and Trademark Office, entitled:

"REMOVAL OF MEMS SACRIFICIAL LAYERS USING SUPERCRITICAL CARBON DIOXIDE/CHEMICAL FORMULATIONS"

We hereby assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) continuing, divisional and continuation-in-part applications based on and claiming priority of said U.S. Patent Application;
- (iii) U.S. Patents on the invention; and
- (iv) corresponding foreign patent applications and patents.

We are making this assignment based on our employment relationship with Advanced Technology Materials, Inc.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

Advanced Technology Materials, Inc.

as owner of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc., all facts that come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We declare that we have not done anything in conflict with this Assignment.



MICHAEL B. KORZENSKI

11/25/03

DATE

Thomas H. Baum
THOMAS H. BAUM

11-25-03
DATE

Chongying Xu
CHONGYING XU

11-25-03
DATE

ELIODOR G. GHENCUIU

DATE

ASSIGNMENT

We, **MICHAEL B. KORZENSKI, THOMAS H. BAUM, CHONGYING XU and ELIODOR G. GHENCIU**, have made an invention the specification of which is described in U.S. Patent Application filed herewith in the U.S. Patent and Trademark Office, entitled:

"REMOVAL OF MEMS SACRIFICIAL LAYERS USING SUPERCRITICAL CARBON DIOXIDE/CHEMICAL FORMULATIONS"

We hereby assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) continuing, divisional and continuation-in-part applications based on and claiming priority of said U.S. Patent Application;
- (iii) U.S. Patents on the invention; and
- (iv) corresponding foreign patent applications and patents.

We are making this assignment based on our employment relationship with Advanced Technology Materials, Inc.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

Advanced Technology Materials, Inc.

as owner of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc., all facts that come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We declare that we have not done anything in conflict with this Assignment.

MICHAEL B. KORZENSKI

DATE

THOMAS H. BAUM

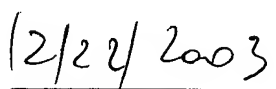
DATE

CHONGYING XU

DATE



ELIODOR G. GHENCIU



DATE



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



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MAY 03, 2004

PTAS

WILLIAM F. RYANN, ESQ.
ADVANCED TECHNOLOGY MATERIALS, INC.
7 COMMERCE DR.
DANBURY, CT 06810

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/26/2004

REEL/FRAME: 014558/0475
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KORZENSKI, MICHAEL B.

DOC DATE: 11/25/2003

ASSIGNOR:
BAUM, THOMAS H.

DOC DATE: 11/25/2003

ASSIGNOR:
XU, CHONGYING

DOC DATE: 11/25/2003

ASSIGNOR:
GHENCIU, ELIODOR G.

DOC DATE: 12/22/2003

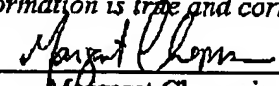
ASSIGNEE:
ADVANCED TECHNOLOGY MATERIALS,
INC.
7 COMMERCE DRIVE
DANBURY, CONNECTICUT 06810

014558/0475 PAGE 2

SERIAL NUMBER: 10724791
PATENT NUMBER:

FILING DATE: 12/01/2003
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

| RECORDATION FORM COVER SHEET | | Docket Number ATMI-686 |
|--|--|---------------------------|
| TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS: Please record the attached original document or copy thereof. | | |
| 1. Name of conveying party (ies): Michael B. Korzenski Thomas H. Baum Chongying Xu Eliodor G. Ghenoiiu Additional name(s) of conveying party (ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party: Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810 Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>11/25/ 2003, 11/25/2003, 11/25/ 2003, 12/22/2003</u> | | |
| 4. Application number(s) or patent number(s): <u>U.S. Serial No. 10/724,791</u> If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: William F. Ryann, Esq. Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810 Telephone: 203-794-1100 | 7. Total Fee (37 CFR 3.41): \$ <u>40</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account | |
| 6. Total number of applications and patents involved: <u>1</u> | 8. Deposit account number: <u>50-0860</u> | |
| DO NOT USE THIS SPACE | | |
| 9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy.</i> <u>April 26, 2004</u> Date  Margaret Chappuis Reg. No. <u>45,735</u> | | |

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